
Mathematical Reviews

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ABELIAN INTEGRALS. See: algebraic functions; algebraic geometry; elliptic functions.

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ABSTRACT SPACES. See: differential geometry (Finsler spaces); ergodic theory; functional analysis; functions of real variables (functions in abstract spaces); geometry (Minkowski geometry); measure and integration; sets; topology (topological spaces).

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TRANSFINITE NUMBERS. See: sets (transfinite numbers).

TRIANGLES. See: geometry (elementary).

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WEBS, GEOMETRY OF. See: differential geometry (families of curves).

WHITTAKER FUNCTIONS. See: special functions (Bessel functions).

ZEROS. See: algebra: equations (zeros); functions of complex variables (zeros); numerical methods (equations); polynomials (zeros); special functions.

ZETA FUNCTIONS. See: Dirichlet series (zeta functions); number theory.

ERRATA

VOLUME 1

P. 301: Maximoff (second review).

The reviewer regrets having made an error in the criticism of the paper. The words "but this may easily be disproved" in line 9 of the review should be omitted. The author's assertion that any "Borel" set is "analytic" is correct.

J. W. Tukey (Princeton, N. J.).

VOLUME 3

P. 30: Synge and Chien.

The words "University of California Press, Berkeley" should be replaced by "California Institute of Technology, Pasadena."

P. 110: Schwetzwow.

In the second display c_{ik} should be c_{i+k} .

P. 113: Broggi.

In the formula read $x=0$ instead of $t=0$.

P. 125: Privaloff and Sagatelian.

The theorem mentioned in this review was given by Evans and Miles [Amer. J. Math. 53, 493-516 (1931), theorem 6, p. 511]. The restriction on the surface is $|\theta| < f(s)$, $s = \bar{P}Q$, $\int_0^s s^{-1}f(s)ds$ convergent. The theorem

is interesting because it is one of the group of theorems leading to necessary and sufficient conditions for representations of functions as potentials, conditions given by G. Garrett [Amer. J. Math. 58, 95-129 (1936)].

J. D. Tamarkin (Providence, R. I.).

P. 131: Giorgi.

In the second line read "there" instead of "this."

P. 138: Blumenthal.

In lines 7 and 8 from above the words " Σ has at least $n+k$ points" should be replaced by " Σ has more than $n+k$ distinct points."

In lines 18 ff. the reviewer's assertion that "the author is able to prove that (i) the open hemisphere of S_n . . . has congruence indices $(n+2, n)$ with respect to all semimetric spaces" is incorrect. It should be replaced by "the author proves that (i) the whole S_n has σ -relative congruence indices $(n+2, n)$ with respect to all semimetric spaces, where σ denotes an open hemisphere of S_n , and (ii) a spherical cap K_n of spherical radius ρ less than $\pi\rho/2$ has congruence indices $(n+2, n)$ with respect to all semimetric spaces."

J. W. Tukey.

P. 220: von Kármán.

In the fifth line read "incompressible" instead of "compressible."

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